

Revised Final Draft RI
Section 5
List of LWG Significant Comments
October 1, 2014

Text/Data Product	Description	Fix	Why Important to RI/FS
Bedded Sediments Section			
5.1.5.5 Patterns and Trends of PCBs in Sediment	Text and associated data products from 2011 Draft Final RI that EPA moved to Appendix D	Reinsert into main text of Section 5.	<ul style="list-style-type: none">Provides key information to inform the Conceptual Site Model (CSM), including contamination at and near the location and of lateral/ upstream sources as well as the movement of these contaminants in the system and their potential exposure to receptors (RI Section 10 and FS Section 1).Important to FS Section on MNR applicability (presumably EPA FS Section 2.4)Provides key information to FS to determine appropriate remediation technologies (FS Section 2.4 and 3.5), and for detailed analysis of alternatives, including comparative analysis (FS Section 4).Consistency with EPA guidance related to CSMs (nature and extent of contamination, USEPA 1988 and 2005).To address key EPA/LWG data quality objective (2004 PWP).
5.1.6.5 Patterns and Trends of PCDD/Fs in Sediment			
5.1.7.4 Patterns and Trends of Total DDx in Sediment			
5.1.8.4 Patterns and Trends of Total PAHs in Sediment			
Mobile Sediments Section			
5.3.5.4 Total PCB Relationship by River Reach - subsection on homolog distributions	Text from 2011 Draft Final RI that EPA moved to Appendix D	Reinsert into main text of Section 5.	<ul style="list-style-type: none">Combined with bedded sediment and surface water data, these discussions of the nature of contamination in the sediment trap samples furthers the understanding of external sources and external/internal fate and transport
5.3.5.4 Total PCDD/F and TCDD TEQ Relationship by River Reach -			

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<p>subsection on homolog distribution</p> <p>5.3.6.2 Total DDx Spatial and Temporal Evaluation in Study Area - subsection on isomer spatial patterns</p> <p>5.3.6.3 Total DDx Relationship by River Reach - subsection on PCB interference effects on reported levels</p> <p>5.3.7.3 Total PAH Relationship by River Reach - subsections of overall spatial patterns and PAH composition</p>			<p>processes at the site.</p> <ul style="list-style-type: none"> Provides key information to inform the CSM (e.g., RI Section 10 and FS Section 2.4). Key information on achievable levels (i.e., equilibrium) within the Site (e.g., FS Section 4). Provides key information to FS to determine appropriate remediation technologies (FS Section 2.4 and 3.5), and for detailed analysis of alternatives, including comparative analysis (FS Section 4).
Surface Water Section (Note: Figure and Section numbers cited below are from 2011 Draft Final RI)			
<p>Figures 5.3-43 and 44 Plots Showing Patterns of Dissolved and Particulate Concentrations of Total PCBs</p> <p>Figures 5.3-56 and 57 Plots Showing Patterns of Dissolved and Particulate Concentrations of Total PCDD/Fs</p> <p>Figures 5.3-75 and 76 Plots Showing Patterns of Dissolved and Particulate Concentrations of Total DDx</p>	<p>Stacked bar charts show patterns in the relative abundance of contaminant components by station and flow type.</p>	<p>Reinsert into main text of Section 5 and add narrative.</p>	<ul style="list-style-type: none"> To address key EPA/LWG data quality objective (2004 PWP). Combined with bedded and mobile sediment data, these discussions of the nature of contamination in particulate and dissolved surface water samples furthers the understanding of external sources and external/internal fate and transport processes at the site. Provides key information to inform the CSM (e.g., RI Section 10 and FS Section 2.4).

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Figures 5.3-95 and 96 Plots Showing Patterns of Dissolved and Particulate Concentrations of Total PAHs			<ul style="list-style-type: none"> • Key information on achievable levels (i.e., equilibrium) within the Site (e.g., FS Section 4). • Provides key information to FS to determine appropriate remediation technologies, and for detailed analysis of alternatives, including comparative analysis.
Figure 5.3-49 Plot of Total PCDD/F Concentrations in Surface Water vs. Flow Rate	Plot presents relationship of PCDD/F concentrations to flow	Reinsert into main text of Section 5 and discuss.	<ul style="list-style-type: none"> • Provides key information to support the understanding of loading and fate and transport of PCDD/Fs at the site (e.g., FS Sections 2.4 and 4).
Section 5.3.11 Summary of Nature and Extent of Indicator Chemicals in Surface Water	Text from 2011 Draft Final RI that EPA moved to Appendix D	Reinsert into main text of Section 5.	<ul style="list-style-type: none"> • Provides concise summary of the nature and extent of these contaminants in surface water • Provides key information to inform the CSM (RI Section 10 and FS Section 1). Provides key information to FS to determine appropriate remediation technologies (FS Section 2.4), and for detailed analysis of alternatives, including comparative analysis (FS Section 4). • Consistency with EPA guidance (nature and extent of contamination, USEPA 1988 and 2005). • To address key EPA/LWG data quality objective (2004 PWP)
Transition Zone Water Section (Note: Figure and Section numbers cited below are from 2011 Draft Final RI)			

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<p>5.4.3 – Paragraph that describes Bar Charts used in following subsections</p> <p>5.4.4.2 Patterns and Trends of DDx in TZW</p> <p>5.4.5.2 Patterns and Trends of PAHs in TZW, including the immediately preceding paragraphs on LPAHs/HPAHs, CPAHs, BaP, and Napthlene</p>	Text and associated data products from 2011 Draft Final RI that detail nature and extent of these compounds in the TZW data set	Reinsert into main text of Section 5 and discuss.	<ul style="list-style-type: none"> Provides key information to inform the CSM, specifically addressing the completeness of the TZW/surface water pathway for these indicator contaminants (e.g., RI Section 10 and FS Section 1). Provides key information to FS to determine appropriate remediation technologies such as capping (e.g., FS Section 2.4), and for detailed analysis of alternatives, including comparative analysis (FS Section 4).
Biota Section (Note: Figure and Section numbers cited below are from 2011 Draft Final RI)			
<p>Figures 5.5-24 and 25 Plots Showing PCB Homolog Patterns in Fish and Invertebrate Species</p> <p>Figures 5.5-24 and 25 Plots Showing PCDD/F Homolog Patterns in Fish and Invertebrate Species</p> <p>Figures 5.5-24 and 25 Plots Showing DDx Patterns in Fish and Invertebrate Species</p> <p>Figures 5.5-24 and 25 Plots Showing PAH Patterns in Clam Tissue</p>	Data products from 2011 Draft Final RI that detail nature of these compounds in the tissue data set	Reinsert into main text of Section 5 and discuss.	<ul style="list-style-type: none"> Provides key information to inform the Conceptual Site Model (CSM), by illustrating the relationship between contamination in abiotic media and biota, and the potential mechanisms of receptor exposure (e.g., RI Section 10 and FS Section 1). Provides key information to FS to determine appropriate remediation technologies (FS Section 2.4 and 3.5). Consistency with EPA guidance (nature and extent of contamination, USEPA 1988 and 2005).

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